

AN - 1989-013639 [02]

A - [001] 014 034 04- 055 056 06- 074 076 077 081 084 135 137 145 15- 20-
229 274 28& 303 308 310 331 348 378 431 438 456 462 476 504 54& 541
549 551 567 571 597 600 613 635 679 687 691 721

AP - JP19870127098 19870526

CPY - JAPC

DC - A14 A93 L02

DR - 2020-U

FS - CPI

IC - C04B26/06 ; C08F2/44 ; C08F220/18 ; C08K3/22 ; C08L25/08

KS - 0069 0205 0231 0300 0307 0496 0503 0566 0594 1236 2066 2112 2114 2123
2218 2307 2432 2441 2545 2600 2609 2633 2669 2691 2692 2752 3252

MC - A04-A03 A04-C01A A04-C04A A04-F06E A08-R A12-R01 L02-D07 L02-J02B

PA - (JAPC) NIPPON SHOKUBAI KAGAKU KOGYO CO LTD

PN - JP63291841 A 19881129 DW198902 008pp

PR - JP19870127098 19870526

XA - C1989-006375

XIC - C04B-026/06 ; C08F-002/44 ; C08F-220/18 ; C08K-003/22 ; C08L-025/08

AB - J63291841 To 100 pts. by wt. of a monomer soln. mixt. comprising (A)
trimethylolpropane tri(meth)acrylate, (B) an aromatic vinyl cpd., and
(C) an alkyl (meth)acrylate having 5-12C alkyl gp. as the main
components of 20-45 wt.% of (A), 25-70 wt.% of (B), and 10-30 wt.% of
(C) with the total of (A), (B), and (C)=100%, is dispersed 100-800
pts. by wt. of a metal oxide hydrate, and the resulting mixt. is
moulded and hardened. (claimed) The metal oxide hydrates are pref. 5
microns or less in average particle dia.

- USE/ADVANTAGE - An artificial marble with improved cuttability,
resistance against heat, hot water etc. is provided. Suitable for
building materials such as bath tubs and kitchen counters.

- In an example, a (Not Claimed) monomer soln, mixt. comprising by wt.,
40 pts. of trimethylolpropane trimethacrylate, 35 pts. of styrene, 25
pts. of 2-ethylhexyl acrylate, 0.5 pts. of KBM-503 (a silane coupling
agent), 0.8 pts. of a hardening agent, and 300 pts. of Al hydroxide
powder 3.5 microns in av. dia., was prepd.(0/0)

AW - METHACRYLATE

AKW - METHACRYLATE

IW - ARTIFICIAL MARBLE CUT OBTAIN MOULD MIXTURE CONTAIN TRI METHYLOL
PROPANE TRI METHO ACRYLATE VINYL COMPOUND ALKYL METHO ACRYLATE

IKW - ARTIFICIAL MARBLE CUT OBTAIN MOULD MIXTURE CONTAIN TRI METHYLOL
PROPANE TRI METHO ACRYLATE VINYL COMPOUND ALKYL METHO ACRYLATE

NC - 001

OPD - 1987-05-26

ORD - 1988-11-29

PAW - (JAPC) NIPPON SHOKUBAI KAGAKU KOGYO CO LTD

TI - Artificial marble with good cuttability - obtd by moulding mixt.
contg. tri:methylol propane tri (meth) acrylate, vinyl cpd. and alkyl
(meth) acrylat